

## ABSTRACT OF THE DISCLOSURE

To provide a liquid crystal panel employing a circuit layout that makes it possible to obtain a small size liquid crystal panel when the area a source driver occupies is large. A liquid crystal display device of the present invention comprises: a pixel portion including  $m \times n$  pixels ( $m$  and  $n$  are both natural numbers and satisfy the relation  $m < n$ ), the pixels each having a TFT; a gate driver for feeding  $n$  gate signal lines with selection signals; a source driver for feeding  $m$  source signal lines with video data; and a video data converter circuit, and is characterized in that the video data converter circuit converts first video data ( $h, k$ ) ( $h = 1 \sim m, k = 1 \sim n$ ) into second video data, and in that the video data ( $h, k$ ) constituting the first video data is converted into  $\{m(k - 1) + h\}$ -th video data that constitutes the second video data.